

Fri May 9 14:20:40 2003

QY	1515	CTTATTGGCACTACTTCAGTGGACACTGAATTTGGAGGTGGAGGATTTTGTTC	1574	2595	AGTGTGCGTGTCCATGGCCCTGGGTGGAGGGTGGAGCATCTGAGTCCAGGGGAACA	2654
Db	183	CTTATTGGCACTACTTCAGTGGACACTGAATTTGGAGGTGGAGGATTTTGTTC	242	1239	AGTGTGCGTGTCCATGGCCCTGGGTGGAGGGTGGAGCATCTGAGTCCAGGGGAACA	1298
QY	1575	TTTTAAGATCTGGGATCTTTTGAATACCCCTTCAAGTATTAGACACAGACTGTGAGC	1634	2655	GCTTCGGGGGAGTTCATGTACGCCCCACATTTTGGGAGTTCCACCCGCTGTGCTGCCAC	2714
Db	243	TTTTAAGATCTGGGATCTTTTGAATACCCCTTCAAGTATTAGACACAGACTGTGAGC	302	1299	GCTTCGGGGGAGTTCATGTACGCCCCACATTTTGGGAGTTCCACCCGCTGTGCTGCCAC	1358
QY	1635	CTAGCAGGCGAGACTCTTCCACCGTGTCTCTCTGACGAGACTTTGAGGCTGTCA	1694	2715	TCCTTGTGCCCCATTTGGCCGAATGCAAGGTTCTCTAGACGACAGCGACGAAGAG	2774
Db	303	CTAGCAGGCGAGACTCTTCCACCGTGTCTCTCTGACGAGACTTTGAGGCTGTCA	362	1359	TCCTTGTGCCCCATTTGGCCGAATGCAAGGTTCTCTAGACGACAGCGACGAAGAG	1418
QY	1695	GAGCGCTTTTGGTGTCTCCCGCAAGTTTCCTCTGAGAGCTTCCCGAGTGGG	1754	2775	CACCTGAAGATACCTGCTAGTATTCCCTTTCAAGGGAGTTACACAAAGGCTAGAGG	2834
Db	363	GAGCGCTTTTGGTGTCTCCCGCAAGTTTCCTCTGAGAGCTTCCCGAGTGGG	422	1419	CACCTGAAGATACCTGCTAGTATTCCCTTTCAAGGGAGTTACACAAAGGCTAGAGG	1478
QY	1755	CAGCTAGCTGCAGGACTACCGACTACATCAGAGCTCTTGAACCTCTGAGCAAGAGAA	1814	2835	CGAGAGCCTAGCTCTCTGCGAGCGCTGACAGAGGAGTTCGCGGACACTTGAACCTGCC	2894
Db	423	CAGCTAGCTGCAGGACTACCGACTACATCAGAGCTCTTGAACCTCTGAGCAAGAGAA	482	1479	CGAGAGCCTAGCTCTCTGCGAGCGCTGACAGAGGAGTTCGCGGACACTTGAACCTGCC	1538
QY	1815	GGGAGGCGGGTAAAGGAGTAGTGGAGATTTCAGCCAAAGCTCAAGGATGGAAGTGCA	1874	2895	GTCTACCTCTGCTCTCTACAGTCCGGAGACTGACAGGAGCTGGGTACAGAGTCCG	2954
Db	483	GGGAGGCGGGTAAAGGAGTAGTGGAGATTTCAGCCAAAGCTCAAGGATGGAAGTGCA	542	1539	GTCTACCTCTGCTCTCTACAGTCCGGAGACTGACAGGAGCTGGGTACAGAGTCCG	1598
QY	1875	GTTAGGCTGGGAGGCTACCTCGCGCCGCTCCAGAGCTACCGAGGAGCTTTCCA	1934	2955	CGACTACTACAACTTTTCCACTGGCTGTGCGCGGACCGCGCCCTCGCCCTCCGCCA	3014
Db	543	GTTAGGCTGGGAGGCTACCTCGCGCCGCTCCAGAGCTACCGAGGAGCTTTCCA	602	1599	CGACTACTACAACTTTTCCACTGGCTGTGCGCGGACCGCGCCCTCGCCCTCCGCCA	1658
QY	1935	GAATCTCTCCAGAGCTGCGGCAAGTATCCAGAACCGCGCCCGCCAGGACCCAGAGGC	1994	3015	TCCCCACGCTCGCATCAAGCTGGAGAACCGCTGGACTACGCGAGCGCTGGGGGTGC	3074
Db	603	GAATCTCTCCAGAGCTGCGGCAAGTATCCAGAACCGCGCCCGCCAGGACCCAGAGGC	662	1659	TCCCCACGCTCGCATCAAGCTGGAGAACCGCTGGACTACGCGAGCGCTGGGGGTGC	1718
QY	1995	GCGAGCGCAGCACTCCCGCGCGCAGTTTGTGTGCTGCTGCTGCTGCTGCTGCTGCT	2054	3075	GGCGGCGCAGTGGCGTATGGGAGCTGCGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	3134
Db	701	GCGAGCGCAGCACTCCCGCGCGCAGTTTGTGTGCTGCTGCTGCTGCTGCTGCTGCT	701	1719	GGCGGCGCAGTGGCGTATGGGAGCTGCGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1778
QY	2055	GCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	2114	3135	CGGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	3194
Db	702	GCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	758	1779	CGGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1838
QY	2115	TAGCCCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	2174	3195	AGAGGCGCAGTGTATGGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	3245
Db	759	TAGCCCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	818	1839	AGAGGCGCAGTGTATGGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1898
QY	2175	AGGCCCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	2234	3246	CGGCG	3305
Db	819	AGGCCCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	878	1899	CGGCG	1958
QY	2235	CCTGGAGTGCCACCCGAGAGAGTTGCTGCCAGAGCTTGGAGCGCGCGCGCGCGCGCGCGCG	2294	3306	AGCCCCCTACGGCTTACACTCGGCCCTCTAGGGCTGCGGGCGCGCGCGCGCGCGCGCGCG	3365
Db	879	CCTGGAGTGCCACCCGAGAGAGTTGCTGCCAGAGCTTGGAGCGCGCGCGCGCGCGCGCGCG	938	1959	AGCCCCCTACGGCTTACACTCGGCCCTCTAGGGCTGCGGGCGCGCGCGCGCGCGCGCGCG	2018
QY	2295	CAAGGGCTGCGCAGCAGCTGCGCAGCAGCTGCGCAGCAGCTGCGCAGCAGCTGCGCAGCAGCT	2354	3366	CGCAGCTGATGTGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	3425
Db	939	CAAGGGCTGCGCAGCAGCTGCGCAGCAGCTGCGCAGCAGCTGCGCAGCAGCTGCGCAGCAGCT	998	2019	CGCAGCTGATGTGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	2078
QY	2355	CACGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	2414	3426	TTGCTCAAAAGCGAAATGGGCGCTTGGATGATGATGATGATGATGATGATGATGATGATGATGAT	3485
Db	999	CACGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	1058	2079	TTGCTCAAAAGCGAAATGGGCGCTTGGATGATGATGATGATGATGATGATGATGATGATGATGAT	2138
QY	2415	AGACATCTGAGGAGGCGCAGCAGCTCCTTCCAGCAACAGCAGCAGCAGCAGCAGCAGCAGCAGT	2474	3486	GACCTGCTGATCTGTGGAGATGAAGCTTCTGGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	3545
Db	1059	AGACATCTGAGGAGGCGCAGCAGCTCCTTCCAGCAACAGCAGCAGCAGCAGCAGCAGCAGCAGT	1118	2139	GGCTTGGAGACTGCCAGGGAGCAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	2198
QY	2475	ATCCGAAGGCGCAGCAGCAGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	2534	3546	GACCTGCTGATCTGTGGAGATGAAGCTTCTGGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	3605
Db	1119	ATCCGAAGGCGCAGCAGCAGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	1178	2199	GACCTGCTGATCTGTGGAGATGAAGCTTCTGGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	2258
QY	2535	GGACAAATTACTTAGGGGGCAGCTTCAGACCAATTTCTGACAAACCCAGAGGTTGTGTAAGGC	2594	3606	AAAGTCAAGGCTTCTTCAAAAGAGCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	3665
Db	1179	GGACAAATTACTTAGGGGGCAGCTTCAGACCAATTTCTGACAAACCCAGAGGTTGTGTAAGGC	1238	2259	AAAGTCAAGGCTTCTTCAAAAGAGCGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	2318
				3666	CAGAAATGATTGCATATTGATTAATTTCCGAAGGAAATTTGTCCATCTTGTGCTGCTTTCG	3725

Db 2319 CAGAATGATGACATATGATAATCCGAAGGAAATTTGTCATCTTGTGCTCTTCG 2378
QY 3726 GAAATGTTATGAAGCAGGATGACTCTGGAGCCCGGAAGCTGAAGAACTTGTGTAATCT 3785
Db 2379 GAAATGTTATGAAGCAGGATGACTCTGGAGCCCGGAAGCTGAAGAACTTGTGTAATCT 2438
QY 3786 GAAACTACAGAGGAAGGAGGCTTCCAGACACACAGCCCACTGAGGAGACAAACCCA 3845
Db 2439 GAAACTACAGAGGAAGGAGGCTTCCAGACACACAGCCCACTGAGGAGACAAACCCA 2498
QY 3846 GAAGCTGACAGTGTACACATTTGAAGCTATGAATGTACGCCCATCTTCTGATGTCTCT 3905
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QY 3906 GGAAGCCATTGAGCCAGGTGTAGTGTGTGCTGGACAGCAACAAACCCAGCCGACCTCTT 3965
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QY 4026 GTGGCCCAAGCCCTTGCCTTCCGCAACTTACAGTGGAGAGACAGATGCTGTCTCAT 4085
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QY 4266 CCAATACACCCCGAGGAATTCCTGTGCATGAAAGCACTGCTTCTTCAAGATTTGGATGGCT 4325
Db 2919 CCAATACACCCCGAGGAATTCCTGTGCATGAAAGCACTGCTTCTTCAAGATTTGGATGGCT 2978
QY 4326 AGTGGATGGCTGAAATCAAAATCTTTGATGAATTCGAATGAATCAATCAAGGA 4385
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QY 4566 GATCATCTCTGTGCAAGTGCACAGATCTTCTGGGAAAGTCAAGCCCATCTATTTCGA 4625
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Db 3279 CACCAAGTGAAGATTTGAAACCCCTATTTCGCCACCCAGCTCATGCCCTTTTCAGATG 3338
QY 4686 TCTTCTGCTGTTAATCTGCACTACTCTCTGCAAGTGGCTTTGGGAAATTTCTCTCAT 4745
Db 3339 TCTTCTGCTGTTAATCTGCACTACTCTCTGCAAGTGGCTTTGGGAAATTTCTCTCAT 3398
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Db 3399 TGATGTACAGTCTGTCTATG-----GAATCTATTGCTGGGCTTTTTTTTCTC 3447
QY 4806 TTTCTCTCTCTTTCTTTTCTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 4865
Db 3448 TTTCTCTCTCTTTCTTTTCTTTCTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3507
QY 4866 TTTGCTTCCCATTTGGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 4925
Db 3508 TTTGCTTCCCATTTGGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 3567
QY 4926 TGATGATCCTCATATGCGCCAGTGTCAAGTGTCTTGTGTTTACAGCACTACTTCTCTGCA 4985
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QY 4986 GCCACACAACCTTACTTATGCGACGGGAAGTTTAGAGAGCTAAGATTTATCTGG 5045
Db 3628 GCCACACAACCTTACTTATGCGACGGGAAGTTTAGAGAGCTAAGATTTATCTGG 3687
QY 5046 GGAATCAAAACAAAAA 5062
Db 3688 GGAATCAAAACAAAAA 3704

RESULT 2
US-10-008-739A-1
; Sequence 1, Application US/10008739A
; Patent No. US20020161194A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Castleberry, Tessa A.
; APPLICANT: Lu, Bihong
; APPLICANT: Owen, Thomas A.
; APPLICANT: Smock, Steven L.
; TITLE OF INVENTION: The Canine Androgen Receptor
; FILE REFERENCE: PCI0893AGPR
; CURRENT APPLICATION NUMBER: US/10/008,739A
; NUMBER OF SEQ ID NOS: 2002-04-15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 3577
; TYPE: DNA
; ORGANISM: Canine
US-10-008-739A-1

Query Match 39.6%; Score 2012.8; DB 9; Length 3577;
Best Local Similarity 84.0%; Pred. No. 0;
Matches 2387; Conservative 0; Mismatches 297; Indels 156; Gaps 4;

QY 1864 ATGGAAGTCAGTTAGGGCTGGGAAGGTCTACCTGGCGCGCGTCCCAAGACCTACCGA 1923
Db 1 ATGGAGGTACAGTTAGGGCTAGGAGGGTCTACCCCGCGCGCGTCCCAAGACCTATCGA 60
QY 1924 GGAGCTTTCCAGAACTCTGTTCCAGAGCGTCCGGAAGTGTATCCAGAACCCGCGCGCGCGG 1983
Db 61 GSAGCTTCCAGAACTCTGTTCCAGAGTGTGCGGAAGTGTATCCAGAACCCGCGCGCGCGG 120
QY 1984 CACCCAGAGCGCGGAGCGCAGCACCTCCCGCGCGCGAGTTTGTCTGTCTGTCAGCAGCAG 2043
Db 121 CACCCGTAGCGCGTGTAGCGCAGCACCTCCCGGTGCCAATTT-----161
QY 2044 CAG 2103
Db 162 -----GCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 189
QY 2104 CAGCAAGAGACTAGCCCCCAGGCGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 2163
Db 190 CAGGAGCAGCAGTCTCTCGGCGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 249
QY 2164 GCCCATCTGTAGAGGCGCCACAGGCTACCTGTCTGTGATGAGGAACAGCAACCTTTCACAG 2223
Db 250 GCGCAGAGCAGAGCGCGCCACAGGCTACCTGTCTGTGATGAGGAACAGCAACCTTTCACAA 309

[illegible]

Db	1350	-----CTGCGGGGNGTGGAGCGCACTGACGGACGGGGATCTGTAGCC	1398
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Db	1399	CCCTATGGCTACACTCGGCCACCTCAGGGAATGCGGGGTGAGGAAGTGACTTCCCTCCA	1458
Qy	3370	CTGTATGTGTGTTACCTTGGCGGCACTGTGAGCAGAGTGCCTATCCCATGCCACTGTGT	3429
Db	1459	CTGTATGTGTGTATCCGGGGCGGTGTGTGAGCAGAGTGCCCTTTCAAAGTCTCTAGTGT	1518
Qy	3430	GTCAAAGCGAAATGGGCCCTTGSATGTGATAGCTACTCCGGACCTTACGGGGACATGCGT	3489
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Qy	3490	TGAGAGCTGCAGGAGACCATGTTTGGCCATTGACTATTACTTTCACCCACCCAGAGACC	3549
Db	1579	TGAGAGCTGCCAGGAGACCATGTTTACCCTATTGACTATTACTTTCACCTCAGAGACC	1638
Qy	3550	TGCTGTATCTGTGCAGATGAAGCTTCTGGGTGTCACTATGGAGCTCTCACTGTGGAAGC	3609
Db	1639	TGCTGTATCTGCGGTGATGAAGCTTCTGCGTGTCACTATGGAGCTCTCACTGTGGAAGC	1698
Qy	3610	TGCAAGCTCTTCTTCAAAGAGCCGCTGAAGGGAACAGAGTACTCTGGCGCCAGCAGA	3669
Db	1699	TGCAAACTCTTCTTTAAAAGAGCCGCTGAAGGGAACAGAGTACTCTGTGCGCCAGCAGA	1758
Qy	3670	AATCATTTGCATATTGATAAATCCCAAGGAAAAATTTGCCATCTGTCTTCGCGAAA	3729
Db	1759	AATGATTTGTCATCGATAAATCCCAAGGAAAAATTTGCCATCTGTCTTCGCGAAA	1818
Qy	3730	TGTTATGAAGCAGGATGACTCTGGGAGCCCGGAGCTTGAAGAACTTGGTAACTCGAA	3789
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Qy	3790	CTACAGAGGAAGAGAGGCTTCCAGCACACACAGCCCCACTTGAAGAGACAAACCAGAAG	3849
Db	1879	CTGCAAGAGGAAGAGAGGCTTCCATGTCCAGCCCCACTTGAAGAGCTAAACCAGAAG	1938
Qy	3850	CTGACAGTGTACACATTTGAAGGCTATGAATGTACGCCCATCTTCTGAATGTCTGAA	3909
Db	1939	CTGACGGTGTACACATTTGAAGGCTATGAATGTACGCCCATCTTCTGAATGTCTGAA	1998
Qy	3910	GCCATTGAGCCAGGTGTAGTGTGTGGTGGACAGACAAACAGCCGAGCTCTCTTGCA	3969
Db	1999	GCCATCGAGCCAGCGGTGTGTGTGGACATGTACAAACAGCCGAGCTCTCTTGCA	2058
Qy	3970	GCTTGTCTCTAGCTCCTAATGAATGGGAGAGACAGCTTGTACAGTGTCTAAGTGG	4029
Db	2059	GCTTGTCTCTAGCTCCTAATGAATGGGAGAGACAGCTTGTACAGTGTCTAAGTGG	2118
Qy	4030	GCCAGGCGCTTGCCTGGGTTCCGCACTTACAGTGGAGCCAGATGCTCTCATTCAG	4089
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Qy	4090	TACTCTGATGGGGCTCATGGTGTGGCATGGGCTGGCGATCTTACCAGTCTCAAC	4149
Db	2179	TACTCTGATGGGGCTCATGGTGTGGCATGGGCTGGCGATCTTACCAGTCTCAAC	2238
Qy	4150	TCCAGATGCTCTACTTCGCCCTGATCTGGTGTTCAGTGTACCGATGCAAGTCC	4209
Db	2239	TCCAGATGCTCTACTTCGCCCTGATCTGGTGTTCAGTGTACCGATGCAAGTCC	2299
Qy	4210	CGGATGTACAGCCATGTGTCGGAATGAGGCACCTCTCTCAAGTTTTGGATGGCTCCA	4269
Db	2299	CGGATGTACAGCCATGTGTCGGAATGAGGCACCTCTCTCAAGTTTTGGATGGCTCCA	2359
Qy	4270	ATCACCCCGCAGGAATTCCTGTGCATGAAGACATGCTACTCTTCAGCATTTATCCAGTG	4329
Db	2359	ATCACCCCGCAGGAATTTTGTGCATGAAGCGCTGCTGCTATTCAGCATTTATCCAGTG	2419
Qy	4330	GATGGGCTGAAAAATCAAAAATCTTTGTATGAAGCTTCGAATGAATACATCAAGGAATC	4389

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Db 2419 GATGGCTCAAAATCAAAATCTTTGATGAATTCGAATGAACTTCAAGGAACCT 2478
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QY 4450 CTCACCAAGCTCCTGGACTCCGTCGACGCTTATTCGAGAGAGTGCATCAGTTTCACTTTT 4509
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QY 4570 ATCTCTGTGCAAGTGCACAGATCTTTCTGGAAGTCAAGCCATCTATTTCACACCC 4629
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Db 2719 CAGTGAAGCTTTAGAAGCCC 2738

RESULT 3
US-09-875-453-35
; Sequence 35, Application US/09875453
; Publication No. US20030027320A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jungsuh P.
; APPLICANT: Starr, Douglas B.
; APPLICANT: Tam, Albert W.
; APPLICANT: Laurance, Megan E.
; APPLICANT: Michelotti, Emil F.
; APPLICANT: Velligan, Mark D.
; APPLICANT: Latour, Derek R.
; APPLICANT: Thomas, Rita L.
; APPLICANT: Kongpachith, Ana
; APPLICANT: Sheppard, Liana T.
; APPLICANT: Lim, Moon Young
; APPLICANT: Bruice, Thomas W.
; TITLE OF INVENTION: PROMOTERS FOR REGULATED GENE EXPRESSION
; CURRENT APPLICATION NUMBER: US/09/875,453
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/209,549
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 6905
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: promoter
US-09-875-453-35

Query Match 30.2%; Score 1532.6; DB 9; Length 6905;
Best Local Similarity 95.4%; Pred. No. 0;
Matches 1797; Conservative 0; Mismatches 53; Indels 34; Gaps 21;

QY 1 GAGCTCTGGACAAATGAGCGCTATGTGTACATGGCAAGTGTCTTTAGTGTGTGTG 60
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QY 61 TTTACCTGCTGTGCTGGGTGATTTTGCTTTTGAGAGTCTGTGAGAAATGCA-TGGTTA 119
Db 5098 TTTACCTGCTGTGCTGGGTGATTTTGCTTTTGAGAGTCTGTGAGAAATGCA-TGGTTA 5157
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QY 180 GGGCTGAGGGTTCTTAGAGCAATGCAATGCCAGAGGCGCATCTATCCCTATGAC 239
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Db 5216 GGGCTGAGGGTTCTTAGAGCAAAATGGCAATGCCAGAGGCCGATCTATCCC-ATGAC 5275
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Db 5390 CTGCG-AGCCAGGAGC-AGGTATTTCTATCTGCTCTTTTCTCTCTCTCTCTCTCTCTCTCT 5447
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QY 474 TGGAG-CTTGGGCGCTAAACCTTTAGGAAAGCAGAGCTATTCAGGAAGCA-GGGT 531
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Db 5748 GCA--AACTGTTGCAATTTGCTCTCCACTCCAGCGCGCTCGAGATCTCCGGGGAGCC 5805
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Db 6104 CGCGCTCCCGCGCGCTTCCGCTGAGTGTCTTCCGCTGAGTGTCTTCCGCTGAGTGTCT 6163
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Db 6164 TCGGCTACTCTCAGCAAAACCGCTTCCAGCAAGCTTCCAGCAAGCTTCCAGCAAGCT 6223
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Db 6224 TC-GCCAGCGCTGCCAGCGCGAGTTTGCAGAGAGTAACTCCCTTTGGCTGCGAGCGGG 6282
QY 1244 CGAGNCTAGCTGCACATTCGAAGAGAGGCTCTTAGAG-CAGGCGACTGGGAGCGGCTT 1302
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Db 6283 CGAG-CTAGCTGCACATGCAAGAAGGCTCTTAGGAGCCAGGCGACTGGGGAGCGGCTT 6341
Qy 1303 CACACTGACGACACACCGCTGTTAGGCTGCACGCGGAGAAACCTCTCTGTTTCC 1362
Db 6342 CACACTGACGACACACCGCTGTTAGGCTGCACGCGGAGAAACCTCTCTGTTTCC 6401
Qy 1363 CCCACTCTCTCCACTCTCTCTGCTTCCGCCACCCGAGTGGCGGAGCCAGATCAA 1422
Db 6402 CCCACTCTCTCCACTCTCTCTGCTTCCGCCACCCGAGTGGCGGAGCCAGATCAA 6461
Qy 1423 AGATGAAAGGCGAGTCAAGTCTTCAGTAGCCAAACAAACAAACAAACAAACAAAC 1482
Db 6462 AGATGAAAGGCGAGTCAAGTCTTCAGTAGCCAAACAAACAAACAAACAAACAAAC 6521
Qy 1483 CCGAAATAAAGAAAGATAAATCACTAGTCTTATTTGSCACCTACTTCAGTGGACACT 1542
Db 6522 AAGAAATAAAGAAAGATAAATCACTAGTCTTATTTGSCACCTACTTCAGTGGACACT 6581
Qy 1543 GAATTTGGAAGTGGAGGATTTGTTTTTCTTTTAAAGATCTGGCATCTTTTGAATCT 1602
Db 6582 GAATTTGGAAGTGGAGGATTTGTTTTTCTTTTAAAGATCTGGGCATCTTTTGAATCT 6641
Qy 1603 ACCCTTCAAGTATTAAAGACAGACTGTAGCCTAGCAGGCGAGATCTTGTCCACCGTGT 1662
Db 6642 ACCCTTCAAGTATTAAAGACAGACTGTAGCCTAGCAGGCGAGATCTTGTCCACCGTGT 6701
Qy 1663 GTCCTTCTCTCAGCAGACACTTGAAGCTGTACAGCGCTTTTTCGTTGCTCCCGCA 1722
Db 6702 GTCCTTCTCTCAGCAGACACTTGAAGCTGTACAGCGCTTTTTCGTTGCTCCCGCA 6761
Qy 1723 AGTTTCCTCTCTGAGCTTCCCGAGCTGGGAGCTAGCTGACGAGCTTACCGCATCAT 1782
Db 6762 AGTTTCCTCTCTGAGCTTCCCGAGCTGGGAGCTAGCTGACGAGCTTACCGCATCAT 6821
Qy 1783 CACAGCCTCTTGAACCTCTTGTAGCAAGAGAGGGAGCGGGGTAGGGAAGTAGTGG 1842
Db 6822 CACAGCCTCTTGAACCTCTTGTAGCAAGAGAGGGAGCGGGGTAGGGAAGTAGTGG 6881
Qy 1843 AGATTCAGCCAAAGCTCAAGATG 1866
Db 6882 AGATTCAGCCAAAGCTCAAGATG 6905

RESULT 4
US-09-997-267-1
; Sequence 1, Application US/09997267
; Patent No. US20020165381A1
; GENERAL INFORMATION:
; APPLICANT: AHRENS-FATH, ISABELLE
; APPLICANT: HAENDLER, BERNARD
; TITLE OF INVENTION: HUMAN ANDROGEN RECEPTOR VARIANTS
; FILE REFERENCE: SCH-1793
; CURRENT APPLICATION NUMBER: US/09/997,267
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/255,078
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1329
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-267-1

Query Match 22.6%; Score 1148; DB 9; Length 1329;
Best Local Similarity 100.0%; Pred. No. 4.6e-296;
Matches 1148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 3488 GTTTGGAGACTGCCAGGGACCATGTTTGGCCCATTCACATTAATCTTCCACCCAGAGA 3547
Db 182 GTTTGGAGACTGCCAGGGACCATGTTTGGCCCATTCACATTAATCTTCCACCCAGAGA 241
Qy 3548 CCTGCTGATCTGTGGAGATGAAGCTTCTGGGTGTCTACTATGAGGCTCTACATGTGGAA 3607

Db 242 CCTGCTGATCTGTGGAGATGAAGCTTCTGGGTGTCTACTATGGAGCTCTCACATGTGGAA 301
Qy 3608 GTTGAAGGTCTTCTTCAAAGAGCCGCTGAAGGAAACAGAACTACTGTGCGCCAGCA 3667
Db 302 GCTGAAGGTCTTCTTCAAAGAGCCGCTGAAGGAAACAGAACTACTGTGCGCCAGCA 361
Qy 3668 GAAATGATTGCACTATTGATAAATTCGAAGGAAATTTGCCATCTTGTGCTTCGGA 3727
Db 362 GAAATGATTGCACTATTGATAAATTCGAAGGAAATTTGCCATCTTGTGCTTCGGA 421
Qy 3728 AATGTTATGAAGCGGATGACTCTGGAGCCCGGAACTGAAGAACTTGGTAATCTGA 3787
Db 422 AATGTTATGAAGCGGATGACTCTGGAGCCCGGAACTGAAGAACTTGGTAATCTGA 481
Qy 3788 AACTACAGAGGAGAGAGGCTTCCAGCACCCAGCCCTGAGGAGACAAACCCAGA 3847
Db 482 AACTACAGAGGAGAGAGGCTTCCAGCACCCAGCCCTGAGGAGACAAACCCAGA 541
Qy 3848 AGCTGACAGTGTACACATTTGAAGGCTATGAATGTACGCCCATCTTCTGTAATCTCTGG 3907
Db 542 AGCTGACAGTGTACACATTTGAAGGCTATGAATGTACGCCCATCTTCTGTAATCTCTGG 601
Qy 3908 AAGCCATTGAGCCAGCTGTAGTGTGTGTGGACAGCAACAAACCCAGCCGACCTCTTTG 3967
Db 602 AAGCCATTGAGCCAGCTGTAGTGTGTGTGGACAGCAACAAACCCAGCCGACCTCTTTG 661
Qy 3968 CAGCCTTCTCTAGCCTCAATGAAGTGTGGAGAGAGAGAGCTTGTACACGTGGTCAAGT 4027
Db 662 CAGCCTTCTCTAGCCTCAATGAAGTGTGGAGAGAGAGAGCTTGTACACGTGGTCAAGT 721
Qy 4028 GGGCCAGGCTTGTGCTGGCTTCCGCAACTTACACGTGACGACAGAGAGTGGTGTCAATTC 4087
Db 722 GGGCCAGGCTTGTGCTGGCTTCCGCAACTTACACGTGACGACAGAGAGTGGTGTCAATTC 781
Qy 4088 AGTACTCTGATGGGCTCATGTTGCTGCTTGGCATGGGCTGCGGATCCTTCAACATGTCA 4147
Db 782 AGTACTCTGATGGGCTCATGTTGCTGCTTGGCATGGGCTGCGGATCCTTCAACATGTCA 841
Qy 4148 ACTCAGAGTGTCTACTTGGCCCTGATCTGCTGCTTCAATGAGTACCGCATGCCAAGT 901
Db 842 ACTCAGAGTGTCTACTTGGCCCTGATCTGCTGCTTCAATGAGTACCGCATGCCAAGT 961
Qy 4208 CCCGATGTACAGCCAGTGTGTCCGAATGAGGCACTCTCTCAAGAGTTTGGATGGCTCC 4267
Db 902 CCCGATGTACAGCCAGTGTGTCCGAATGAGGCACTCTCTCAAGAGTTTGGATGGCTCC 961
Qy 4268 AAATCACCCCCCAGAGAAATTCCTGTGCATGAAGCACTGTCTTTCAGCATTTATTCAG 1021
Db 962 AAATCACCCCCCAGAGAAATTCCTGTGCATGAAGCACTGTCTTTCAGCATTTATTCAG 1021
Qy 4328 TGGATGGCTGAAATTCAAAAATCTTTGATGAATTCGAATGAATGAACTACATCAAGAAC 1081
Db 1022 TGGATGGCTGAAATTCAAAAATCTTTGATGAATTCGAATGAATGAACTACATCAAGAAC 1081
Qy 4388 TCGATCGTATCATTTGCATGCAAAAAAATCCACATCTGCTCAAGAGCTTCTTACC 1141
Db 1082 TCGATCGTATCATTTGCATGCAAAAAAATCCACATCTGCTCAAGAGCTTCTTACC 1141
Qy 4448 AGCTCACCAGGCTCCTGAGCTCCGTCAGCTTATGGGAGAGAGCTGCATCAGTTCACCT 4507
Db 1142 AGCTCACCAGGCTCCTGAGCTCCGTCAGCTTATGGGAGAGAGCTGCATCAGTTCACCT 1201
Qy 4508 TTGACCTGCTAATCAAGTCAACATGTTGAGCGTGGAGCTTTCGGGAATGATGCGAGAGA 4567
Db 1202 TTGACCTGCTAATCAAGTCAACATGTTGAGCGTGGAGCTTTCGGGAATGATGCGAGAGA 1261
Qy 4568 TCATCTCTGCAAGTGGCCAGAGCTTCTTGGGAAAGTCAAGCCATCTATTTCCACA 4627
Db 1262 TCATCTCTGCAAGTGGCCAGAGCTTCTTGGGAAAGTCAAGCCATCTATTTCCACA 1321
Qy 4628 CCCAGTGA 4635
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Db 1322 CCCAGTGA 1329

RESULT 5

US-09-997-267-3
; Sequence 3, Application US/09997267
; Patent No. US20020165381A1
; GENERAL INFORMATION:
; APPLICANT: AHRENS-FATH, ISABELLE
; APPLICANT: HAENDLER, BERNARD
; TITLE OF INVENTION: HUMAN ANDROGEN RECEPTOR VARIANTS
; FILE REFERENCE: SCH-1793
; CURRENT APPLICATION NUMBER: US/09/997,267
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 2001-11-30
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 1171
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-267-3

Query Match 16.4%; Score 832.8; DB 9; Length 1171;
Best Local Similarity 99.8%; Pred. No. 6.7e-212;
Matches 834; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3488 GTTTGGAGACTGCCAGGACCATGTTTCCCATTTGACTATTACTTCCACCCAGAGA 3547
Db 182 GTTTGGAGACTGCCAGGACCATGTTTCCCATTTGACTATTACTTCCACCCAGAGA 241
QY 3548 CTTGCTGTCTGTGAGATGAAGCTTCTGGGTGTCTACTATGGAGCTCTACATGTGAA 3607
Db 242 CTTGCTGTCTGTGAGATGAAGCTTCTGGGTGTCTACTATGGAGCTCTACATGTGAA 301
QY 3608 GTTCAAGTCTTCTTCAAAAGAGCGGTGAAGGAAACAGAACTGCTGCGCCAGCA 3667
Db 302 GTTCAAGTCTTCTTCAAAAGAGCGGTGAAGGAAACAGAACTGCTGCGCCAGCA 361
QY 3668 GAATGATTCGACTATGTAATAATTCGAAGAAATAATGTCCATCTGTCTTCGGA 3727
Db 362 GAATGATTCGACTATGTAATAATTCGAAGAAATAATGTCCATCTGTCTTCGGA 421
QY 3728 AATGTTAAGCAGGAGTACTCTGGAGCCCGGAAGCTCAAGAACTTGGTAATCTGA 3787
Db 422 AATGTTAAGCAGGAGTACTCTGGAGCCCGGAAGCTCAAGAACTTGGTAATCTGA 481
QY 3788 AACTACAGGAGGAGGAGGCTTCCAGCACCCACCCAGCTGAGGAGACCAACCCAGA 3847
Db 482 AACTACAGGAGGAGGAGGCTTCCAGCACCCACCCAGCTGAGGAGACCAACCCAGA 541
QY 3848 AGCTGACAGTGTACACACTGAAGGCTAATGTCAGCCCATCTTCTGAATGTCTGG 3907
Db 542 AGCTGACAGTGTACACACTGAAGGCTAATGTCAGCCCATCTTCTGAATGTCTGG 601
QY 3908 AAGCCATTGAGCCAGGTTAGTGTGTGACACAGCAACACCCAGCCGACTCTTTG 3967
Db 602 AAGCCATTGAGCCAGGTTAGTGTGTGACACAGCAACACCCAGCCGACTCTTTG 661
QY 3968 CAGCCTTCTCTAGCTCAATCACTGGGAGAGACAGCTGTGACAGTGGTCAAGT 4027
Db 662 CAGCCTTCTCTAGCTCAATCACTGGGAGAGACAGCTGTGACAGTGGTCAAGT 721
QY 4028 GGGCCAGGCTTGCCTGGCTTCGCAACTTACAGCTGGAGACAGAGTGGCTGATTC 4087
Db 722 GGGCCAGGCTTGCCTGGCTTCGCAACTTACAGCTGGAGACAGAGTGGCTGATTC 781
QY 4088 AGTACTCTGTGAGGCTCATGTTTCCCATGGGTGGGATCCCTTCAACCAATGCA 4147
Db 782 AGTACTCTGTGAGGCTCATGTTTCCCATGGGTGGGATCCCTTCAACCAATGCA 841
QY 4148 ACTCCAGGATGCTCTACTTCCGCCCCGATCTGCTGTTTCAATGATGATACCCATGCAAGT 4207

Db 842 ACTCCAGGATGCTCTACTTCCGCCCCGATCTGCTGTTTCAATGATGATACCCATGCAAGT 901
QY 4208 CCCGATGTACAGCCAGTGTGTCGGAATGAGGACACCTCTCTCAAGAGTTTGGATGCTCC 4267
Db 902 CCCGATGTACAGCCAGTGTGTCGGAATGAGGACACCTCTCTCAAGAGTTTGGATGCTCC 961
QY 4268 AAATCAGCCCCCAGGAATCTCTGGCATGAAGCACTGCTACTCTTCAGCATTAAT 4323
Db 962 AAATCAGCCCCCAGGAATCTCTGGCATGAAGCACTGCTACTCTTCAGCATTAAT 1017

RESULT 6

US-09-281-674-8
; Sequence 8, Application US/09281674
; Patent No. US20020077307A1
; GENERAL INFORMATION:
; APPLICANT: Gossen, Manfred
; Bujard, Hermann
; Salfield, Jochen
; Voss, Jeffrey

; TITLE OF INVENTION: Methods for Regulating Gene Expression
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lahive & Cockfield
; STREET: 60 State Street, Suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/281,674
; FILING DATE: 30-Mar-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/479,306
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/260,452
; FILING DATE: 14-JUN-1994
; APPLICATION NUMBER: 08/076,327
; FILING DATE: 14-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Giulio A. DeConti, Jr.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: BBI-013CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Human cytomegalovirus
; STRAIN: Towne (hCMV)
; IMMEDIATE SOURCE:
; CLONE: PUHD BGR3
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Query Match 7.9%; Score 401.6; DB 10; Length 6244;
Best Local Similarity 60.6%; Pred. No. 2.8e-96;
Matches 678; Conservative 0; Mismatches 434; Indels 6; Gaps 1;
QY 3525 CTATTACTTCCACCCAGAGACCTGCTGATCTGTGGAGATGAAGCTTCTGGGTGTC 3584


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QY 3705 TTGTCCATCTTGTCTCGAATGTTATGACGAGGATGACTCTGGAGCCCGGAA 3764
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Db 2513 CTGCGCGGCTGTGCTTGAAGTGTCTCAAGTGGCATGGCTTGGAGGGGAAA 2572
QY 3765 GCTGAGAACTTGGTAACTGAACTACAGGAGGAGAGAGCTCTCCAGCACCACAG 3824
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2573 GTTTAAAGAGTTCAATAAGTTCAGAGTCATGACAGCAGCTGCTGCTCTCCACA 2632
QY 3825 CCC-----CACTGAGGAGACACCCAGAGCTGACAGTGTACACATTTGAAGGCTATGA 3878
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2633 GCCAGTGGGATTCCTCAATGAAAGCCCAAGCAATCACTTTTCTCCAAAGTCAAGAGATACA 2692
QY 3879 ATGTACGCCATCTTCTGAAATGCTCTGGAAGCCATTGAGCCAGGTGATGTGCTGG 3938
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2693 GTTAATTTCCCTCTTAATCAACCTGTTAATGACCATTTGACCAAGATGTATGTCAGG 2752
QY 3939 ACAGCAACAACACCCGCGACTCTTTCAGCCTTCTCTAGCCTCAATGAATGGG 3998
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2753 ACATGACAAACAAAGCCGTGATACCTCCAGTTCTTGTGACGAGTCTTAATCAACTAGG 2812
QY 3999 AGAGAGACAGCTTGTACAGTGTCAAGTGGCCAGGCTTGCCTGGCTTCCGCAACTT 4058
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2813 CGAGCGCAACTTCTTTCAGTGTAAATGGTCCAAATCTCTCCAGGTTTTCGAAACTT 2872
QY 4059 ACAGTGGAGCAGATGGCTGTCTATTCAGTACTCTGATGGGCTTCATGGTGTTCG 4118
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2873 ACATATGTATGACGAGATCACTCTATCCAGTATCTTGGATGAGTTTAATGGTATTTGG 2932
QY 4119 CATGGCTGCGCATCTTCCACCAATGTCAACTCCAGGATGATGGGCTTCATGGTGTTCG 4178
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Db 2933 ACTAGATGGATCTTCAACAACTGATGAGTGGGAGATGTGTTTTCACCTGATCT 2992
QY 4179 GGTTCATAGTACCGCATCCACAAGTCCCGATGTACAGCAGTGTGTCGCAATGAG 4238
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Db 2993 AATATTAATGACAGCGATGAAAGATCATCTTCTATTCATATGCCCTTACCATGTG 3052
QY 4239 GCACCTCTCTCAAGATTTGGATGCTCCAAATCACCCCCCAGAAATTCCTGTGATGAA 4298
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Db 3053 GCAGATACCGCAGGAGTTGTCAAGCTTCAAGTTAGCCAAAGAGTTCTCTGCAATGAA 3112
QY 4299 AGCACTGTCTTCTCAGCATTTTCCAGTGGATGGCTGAAATCAAAATTCCTTTGA 4358
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3113 AGTATTAATCTTCTTATACAACTTCTTGGAAAGGACTAAGAAAGTCAAGCCAGTTGA 3172
QY 4359 TCAACTTGAATGAATACATCAGAGTCTGATCGTATTCATTTGATGCAAAAGAAAAA 4418
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3173 AGAGATGATCAAGCTACATTAGAGCTCATCAAGGCAATGGTTGAGGCAAAAGG 3232
QY 4419 TCCACATCTCTGCTCAAGCCTTCTACAGCTCACCAAGCTCTGGACTCGTGCAGCC 4478
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Db 3233 AGTTGTTTCCAGCTCACAGCGTTTCTATCAGCTCACAAAATCTCTTGATAACTTGCATGA 3292
QY 4479 TATTCGAGAGAGCTGCTCAGTTTCACTTTTGGCTGCTTAATCAAGTCAACATGTTGAG 4538
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3293 TCTTGTCAAACTTCACTGTACTGCTGCTGATATTTATCCAGTCCCGGCGGTGAG 3352
QY 4539 CGTGGACTTTCGGAATGAGGAGATCATCTCTGTGCAAGTGCCTCAAGATCTCTTTC 4598
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3353 TGTGGAATTTCCAGAAATGATGCTGAAGTTATTTGTCGACAGTTACCAAGATTTGCG 3412
QY 4599 TGGGAAAGTCAAGCCATCTTATTTCCACACCCAGTGA 4636
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Db 3413 AGGATGTTGAAACCTTCTCTTTTCATAAAAGTGA 3450
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RESULT 8

US-09-935-368-2

; Sequence 2, Application US/09935368

; Patent No. US20020031803A1

; GENERAL INFORMATION:

; APPLICANT: Cooper, Mark J.

; TITLE OF INVENTION: Expression System for Production of

```
; TITLE OF INVENTION: Therapeutic Proteins
; FILE REFERENCE: 03659.00010
; CURRENT APPLICATION NUMBER: US/09/935,368
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 09/473,646
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: PCT/US98/12777
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: US 60/050,356
; PRIOR FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 2799
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-935-368-2
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Query Match 7.5%; Score 380; DB 10; Length 2799;
Best Local Similarity 59.8%; Pred. No. 1e-90;

Matches 666; Conservative 0; Mismatches 430; Indels 18; Gaps 1;

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QY 3537 ACCCCAGAGACCTGCTGATCTGTGGAGATGAAGCTTCTGGGTGTCACTATGAGGCTCT 3596
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Db 1686 ACCTCAGAAGATTTGTTAATCTGTGGGATGAAGCATCAGGCTGTCTATTATGTGCTCT 1745
QY 3597 CACATGTGAAGCTGCAAGGCTCTTCTCAAAAGAGCCCTGAAGGGAACACAGAAGTACCT 3656
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1746 TACCTGTGGAGCTGTAGGCTCTTTAGAGGGAATGGAAGGGCAGCACAACACTT 1805
QY 3657 GTGGCCAGCAGAAATGATGTGACATTTATGATAAATTCGAAAGAAAAATTTCCATCTTG 3716
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1806 ATGTGCTGGAAGAAATGACTGATCTGTGATAAATCGCAGAAAAAATGCCAGCATG 1865
QY 3717 TCCTCTTCGGAATCTTATGAGCAGGATGACTCTGGGAGCCCGGAAGCTGAAGAACT 3776
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1866 TCGCCTTAGAAGTGTCTCAGGCTGGCATGGTCTTGGAGGTGAAAAATTTAAAAAGTT 1925
QY 3777 TGGTAATCTGAACCTACAGGAGGAGGAGGCT-----TCCAGCAC 3818
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1926 CAATAAGTCAAGTTGTGAGAGCAGTGGATGCTTCTCCACAGCCAGTGGCGT 1985
QY 3819 CACAGCCCCACTGAGGAGACACCCAGAGCTGACAGTGTACACATTTGAAGGCTATGA 3878
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Db 1986 TCCAAATGAAGCAAGCCCTTAAGCCAGAGATTCACCTTTTCCACAGGTCAAGCATACA 2045
QY 3879 ATGTACGCCCTCTTCTGTAATGCTTGAAGCCATGAGCCAGGTGAGTGTGCTGG 3938
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2046 GTTGATTCACCACTGATCAACCTGTTATGAGCATTTGAACCATGTTGATCTATGCAGG 2105
QY 3939 ACAGCAACAACAGCCGACTCTTTGAGCCTTGTGAGCTTGTCTTAGCTCAATGAAGTGGG 3998
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2106 ACATGACACACAAAACCTGACACCTCCAGTCTTTTGTGTGACAAGTCTTAATCAACTAGG 2165
QY 3999 AGAGAGACCTTTGTACACGTGTCAAGTGGGCCAAGGCTTTCCTGGCTTCCGCAACTT 4058
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2166 CGAGAGCAACTTCTTTCAGTAGTCAAGTGGTCTAAATCATTTGCCAGGTTTTCGAACTT 2225
QY 4059 ACAGTGGAGCAGCAGATGGCTGATTCAGTACTCTGGATGGGCTCATGCTGTTTTCG 4118
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2226 ACATATTGATGACCATAACTCTCATTCAGTATTCTTGGATGAGCTTAATGGTGTGG 2285
QY 4119 CATGGCTGGGATCTTCCCAATGTCAACTCCAGGATGTCTACTTTCGCCCTGATCT 4178
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2286 TCTAGGATGGATCTCTACAAACAGCTCAGTGGCAGATGCTGTATTGTGACCTGATCT 2345
QY 4179 GGTTCATAGTACCGCATGCACAGTCCCGGATGTACAGCCAGTGTGTCGAATGAG 4238
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2346 AATACTAAATGAACCGGATGAAAGATCATCTTCTTATTCTATTCATTCCTTACCATGTG 2405
QY 4239 GCACCTCTCTCAAGAGTTTGGATGGTCCCAATACCCCCCAGCAATTCCTGTGTCATGAA 4298
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2406 GCAGATCCACAGGAGTTGTCAAGCTTCAAGTTAGCCAAAGAGATTCCTCTGTATGAA 2465
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Db 1700 GTGCTTGAAGTTCTGGTTTGACCCAGTCCCTGGCCGTCCTGCGCCGCTGGGTGCGT 1759
 ...Qy 3839 CAACCCAGAGCTGACAGTGTACACACATTGAAGC-----TATGAAT 3880
 Db 1760 CCTAGAGGGCCAGGCCCTGGCCACCTTCCAGCATGCCATGTTGGTCAGAGAGCTGCAGT 1819
 Qy 3881 GTCAGCCCATCTTCTGAATGCTGCTGGAAGCCATTGAGCAGGTGTAGTGTGTGCTGGAC 3940
 Db 1820 TCACCCCTTCAGATCCTCAGCATCTGGAGACATCGAGCCGGAGACGCTGTACTCGGGGT 1879
 Qy 3941 AGCACAACAACAGCCGACCTCTTTCAGCCTTTCCTCTAGCCTCAATGAATGAGGAG 4000
 Db 1880 ACGAGCCACCCAGCCGCAAAAGCCCACTTCTGCTCAACAGCCTGAAAGGGCTGTGCG 1939
 Qy 4001 AGAGCAGCTTGTACAGTGGTCAAGTGGCCAAAGCCCTTCCCTGGCTTCCGCAACTTAC 4060
 Db 1940 AGAGGAGCTGCTCTGGATGCTCCGCTGGTCAAAAGTCCCTCCAGGATTTCCGAGTTTAC 1999
 Qy 4061 AGTGGACACAGATGGCTGTCTAGTACTTCTAGTGGCTTCCCTGGCTTCCGCAACTTAC 4120
 Db 2000 ATATCAATGACCAATGAGCTTCACTCCAGTGTCACTCCAGGATGCTTCTGCTGCTGATGTTCTC 2059
 Qy 4121 TGGGCTGGCGATCCTTCACTCCAGGATGCTTCTGCTGCTGATGTTCTC 4180
 Db 2060 TGGGATGGAGTCACTTCAAGATGTCAGAGATTTCTGTACTTCCAGCATCTCA 2119
 Qy 4181 TTTTCAATGAGTACCGCATGCAAAAGTCCCGATGTACAGCCAGTGTCTCCCAATGAGC 4240
 Db 2120 TTCTGCGGAAGAAATGAGGAATTTCTCCATCTCTGACTTGTGATGGCAATGCAAA 2179
 Qy 4241 ACCTCTCTCAAGAGTTTGGATGGCTCCAAATCACCCCGCCAGGATTCCTGTGTCATGAAAG 4300
 Db 2180 TCATTCCACAAGCATTTGATAACCTTCAGTGCACCAAGGAGGTTTGTGATGAAGG 2239
 Qy 4301 CACTGTCTACTTTCAGCATTTTCCAGTGGGTGGAATCAAAATCAAAATTCCTTGTATG 4360
 Db 2240 TCCTGCTGTACTCAACTGTGCTGCGCTGGAAGCCGTGAGAGCCAGGCCAGTTCGAGG 2299
 Qy 4361 AACTTCAATGACTACATCAAGAACTCGATGCTGATCATTCATGATGCAAAAGAAATC 4420
 Db 2300 AGATGGCGCAGCTCCAGCGGTCTTACCACCTGACCAAGCTCATGAGCCGCAAGCCATGCG 2359
 Qy 4421 CCACATCCTGTCAAGACGCTTACAGCTTCAAGCTTCAAGCTTCCGACTCCGTCGAGCTTA 4480
 Db 2360 TGATGGCCAGCTCCAGCGGTCTTACCACCTGACCAAGCTCATGAGCCGCAAGCCATGCG 2419
 Qy 4481 TTGCGAGAGCTCCATCAGTTCACCTTTTGAACCTGCTGATCAAGTCAACATGCTGAGCG 4540
 Db 2420 TCGTGAGGAGGTAAACCTGTACTGTCTGAGCACCCTTCCAGCCGCAAGCCATGCG 2479
 Qy 4541 TGGACTTTCCGGAATGATGCGAGAGATCATCTCTGTGCAAGTGGCCCAAGATCTTTCTG 4600
 Db 2480 TGGAGTCCAGAGATGATGTGAGAGGTCTAATCCCTCCAGCTGCCCAAGGTTCTGGCAG 2539
 Qy 4601 GGAAGTCAAGCCCATCTATTTCCACCCAGTGAAGCATTTG 4642
 Db 2540 GCATGTTGAGGCCCTCTCTTTTCAAAAATGATGCCCTG 2581

RESULT 10
 US-09-917-800A-1546
 ; Sequence 1546, Application US/09917800A
 ; Patent No. US20020119462A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mendrick, Donna
 ; APPLICANT: Porter, Mark
 ; APPLICANT: Johnson, Kory
 ; APPLICANT: Castle, Arthur
 ; APPLICANT: Elashoff, Michael
 ; APPLICANT: Gene Logic, Inc.
 ; TITLE OF INVENTION: Molecular Toxicology Modeling
 ; FILE REFERENCE: 44921-5038-US
 ; CURRENT APPLICATION NUMBER: US/09/917.800A

Qy 4299 AGCACTGCTACTTTCAGCATTTATCCAGTGGCTGAAATCAAAATTTCTTTGA 4358
 Db 2466 AGTATTGTTACTTCTTAATACAAATTTCTTGAAGGGCTAGCAAGTCAAAACCCAGTTTGA 2525
 Qy 4359 TGAACCTTCAATGAATCACTACATCAAGAACTGCTGTATCATCTGATGCAAGAAAGAAA 4418
 Db 2526 GGAGATGAGGTCAAGTACATAGAGACTCATCAAGCAATTTGTTGAGGCAAAAGG 2585
 Qy 4419 TCCACATCCTGCTCAAGACGCTTCTACAGTTCACCAAGTCTCTGGACTCCGTCGAGCC 4478
 Db 2586 AGTTGTGCTGAGCTCACAGGCTTCTATCACTTACAAACTTCTGATAACTTGCATGA 2645
 Qy 4479 TATTGCGAGAGCTGCATCAGTTCACCTTTTGAACCTGCTATCAAGTCAACATGCTGAG 4538
 Db 2646 TCTGTCAACAACACTTCTGCTGCTTGAATACATTTATCCAGTCCCGGGCACTGAG 2705
 Qy 4539 CGTGGACTTTCGGAATGATGGCAGAGATCATCTCTGTGCAAGTGGCCCAAGATCCTTTC 4598
 Db 2706 TGTGTAATTTCCAGAAATGATGCTGTAAGTTTATGCTGCACAAATTACCACAAATATGGC 2765
 Qy 4599 TGGGAAGTCAAGCCCATCTATTTCCACACCCAG 4632
 Db 2766 AGGATGGTGAAACCCCTCTCTTCTATTAAG 2799

RESULT 9
 US-10-202-846-1
 ; Sequence 1, Application US/10202846
 ; Publication No. US20030083487A1
 ; GENERAL INFORMATION:
 ; APPLICANT: NAGAHAMA, Yoshitaka
 ; APPLICANT: IREUCHI, Toshitaka
 ; APPLICANT: KOBAYASHI, Toru
 ; APPLICANT: TODO, Takashi
 ; TITLE OF INVENTION: PROGESTOGEN RECEPTOR POLYPEPTIDES, TRANSGENIC CELLS IN WHICH GENE
 ; TITLE OF INVENTION: ENCODING SAID POLYPEPTIDES ARE INTRODUCED AND METHOD FOR DETECTING
 ; TITLE OF INVENTION: FOR PROGESTOGENS BY USING SAID TRANSGENIC CELLS
 ; FILE REFERENCE: 11343
 ; CURRENT APPLICATION NUMBER: US/10/202,846
 ; CURRENT FILING DATE: 2002-07-26
 ; PRIOR APPLICATION NUMBER: JP 2001/235,725
 ; PRIOR FILING DATE: 2001-08-03
 ; NUMBER OF SEQ ID NOS: 2
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 1
 ; LENGTH: 2582
 ; TYPE: DNA
 ; ORGANISM: Anguilla japonica
 ; US-10-202-846-1

Query Match 7.0%; Score 354.4; DB 9; Length 2582;
 Best Local Similarity 58.2%; Pred. No. 6.8e-84;
 Matches 653; Conservative 0; Mismatches 451; Indels 18; Gaps 1;
 Qy 3539 CCAGAGACCTGCGCTGATCTGTGAGATGAAGCTTCTGGGTGCTACTATGGAGCTCTCA 3598
 Db 1460 CCGGAAATTTTGGCTCATCTGTGGGATGAAGCTCTGATGTCATCTACGGGGTTCTCA 1519
 Qy 3599 CATGTGGAAGCTCAGAGTCTTCTTCAAAAGAGCCGCTGAAAGGAAACAGAAAGTACCTGT 3658
 Db 1520 CGTGGCGGAGCTGCAAGTATTTCTACAGAGAGCGTTGAGGGCCAGCCAGAACTACCTTT 1579
 Qy 3659 GCGCCAGCAGAAATGATGCTATTTGATAATTCGAGGAAATTTGTCATCTGTC 3718
 Db 1580 GTCCGGGAGAAAGCACTGCATCGTGGCAAGATCCGAGGAAAGCACTGCCCGCGGTGTC 1639
 Qy 3719 GTCTTGGAAATTTATGAGCAGGAGTCACTTGGAGCCCGGAGCTGAAGAAACTTG 3778
 Db 1640 GGCTGAGAGTGTCTACCGGCGGAATGACCTTGGAGGTGCGAAGATGAAGAGCTCA 1699
 Qy 3779 GTAATCTGAAACTTACAGGAGGAGAGAGGCTTCCAGCACCACCGCCCTACTGAGGAGA 3838

Db 510 GAAAGATCATCATCTTATTCATTATGCTTACCATTGGGAGATCCCAAGAGTTGT 569
QY 4260 ATGGCTCCAAATCAACCCCGAGGAATTCCTGTGCATGAAGCACTGTCTACTCTTCAGCAT 4319
Db 570 CAAGCTTCAAGTTAGCCAAAGAGTTCCTCTGTATGAAGTATTTGTACTTCTTAATAC 629
QY 4320 TATTCAGTGGTGGTGAAGAAATCAAAATTCCTTGATGAATTCGAATGAATCAT 4379
Db 630 RATTCCCTTGGAGGGCTAGCAAGTCAACCCAGTTTGAGGAGATGAGGTCAAGCTACAT 689
QY 4380 CAAAGCACTCATCTGTATTCATTCGATGCAAGAAAGAAATCCACATCTCTGTCTCAAGAG 4439
Db 690 TAGAGAGCTCATCAAGCAATTTGTTGAGGCAAAAGAGAGTTGTGTGAGCTCACAGCG 749
QY 4440 CTCTACCAAGCTACCAAGCTCTCGACTCCGTGAGGCTTATTCGAGAGAGCTGCATCA 4499
Db 750 TTCTCATCACTTACAAATCTCTGTATTAACCTTGCATGATCTTGTCAACAGCTTCATCT 809
QY 4500 GTTCACCTTTGACCTGCTAATCAAGTCACACATGTTGAGCGTGGACTTTTCGGGAATGAT 4559
Db 810 GTACTGCTTGATACATTTATCCAGTCCCGGCACTGAGTGTGAATTCAGAAATGAT 869
QY 4560 GCGAGATCATCTCTGTGCAAGTGGCCAGATCTCTTCTGGGAAAGTCAGGCCATCTA 4619
Db 870 GTCAGAGTATTCCTGCATATACCAAGATATTTGGCAGGAGTGGTGAAGAAACCTCTCT 929
QY 4620 TTTCACACCCAGTGAA 4636
Db 930 CTTTCATAAAAGTGAA 946

RESULT 13

US-09-887-280-1
; Sequence 1, Application US/09887280
; Publication No. US20020197670A1
; GENERAL INFORMATION:
; APPLICANT: PRICE, THOMAS M.
; TITLE OF INVENTION: MEMBRANE ASSOCIATED PROGESTERONE RECEPTOR
; FILE REFERENCE: GHS-338
; CURRENT APPLICATION NUMBER: US/09/887,280
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/213,340
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 1
; LENGTH: 2230
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (303)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: modified_base
; LOCATION: (384)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: modified_base
; LOCATION: (533)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: modified_base
; LOCATION: (594)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: modified_base
; LOCATION: (604)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: CDS
; LOCATION: (1231)..(2172)
US-09-887-280-1

Query Match 5.7%; Score 289.8; DB 9; Length 2230;
Best Local Similarity 60.2%; Pred. No. 1.1e-66;
Matches 480; Conservative 0; Mismatches 317; Indels 0; Gaps 0;

QY 3840 AACCCAGAGCTGACAGTGTCCACACATGTAAGGCTATGAATGTCACCCCATCTTCTCGAA 3899
Db 1380 AACCCAGAGATTCACATTTTCCACGAGTCAAGACATACAGTTGATTCACCCACTGATCAA 1439
QY 3900 TGTCTTGGAGCAATTTGAGCCAGGTGTAGTGTGTGGACAGCAACAACACACCGGA 3959
Db 1440 CTTGTTAATGAGCATTTGAACAGATGTGATCTATGCAAGGACATGACACACAAACCTGA 1499
QY 3960 CTCCTTTGAGCTTGTCTCTAGCCTCAATGACTGGGAGAGAGACACTTGTACAGCT 4019
Db 1500 CACTCCAGCTTCTTGTGCAACAGCTTAATCAACTAGGCGAGGACCACTTCTTTCAGT 1559
QY 4020 GTTCAAGTGGGCAAGGCTTGCCTGGCTCCGCACTTACAGTGGAGCAGCAGATGGC 4079
Db 1560 AGTCAAGTGGCTTAATCATTTGCCAGGTTTTCGAAACTTACATATTGATGACAGCAATAC 1619
QY 4080 TGTCAATCAGTACTCTCGATGGGCTCATGGTGTGTCATGGCTGGCTGGCTTCAC 4139
Db 1620 TCTCATTCAGTATCTTGGATGAGCTTAATGCTGTTTGGTCTAGGATGGAGATCCTCAA 1679
QY 4140 CAACTGCAACTCCAGATGCTCTACTTCCGCCCTGATCTGTTTCAATGAGTACCGCAT 4199
Db 1680 ACATGTCAGTGGCAGATGCTGTTTTCGCACTGATCTAATTAATGAACAGGGAT 1739
QY 4200 GCACAGTCCCGGATGTACAGCCAGTGTCCGAATGAGGCACCTCTCTCAAGAGTTGG 4259
Db 1740 GAAAGAAATCATCTTCTTATTCATTTATGCTTACCATGTGCAGATCCCAAGAGTTGT 1799
QY 4260 ATGGCTCCAAATCACCCCGAGGATTCCTGTGCATGAAAGCACTGCTACTCTTCAGCAT 4319
Db 1800 CAACTTCAAGTTAGCCAAAGAGAGTTCCTCTGTATCAAAAGTATTGTTACTTCTTAATAC 1859
QY 4320 TATTCAGTGGTGGCTGAAATCAAAATTCCTTGTGATGAACTTCGAATGAATCAT 4379
Db 1860 AATTCCTTTGGAAGGCTAGCAAGTCAAAACCCAGTTTGAGAGATGAGGTCAAGTCAAT 1919
QY 4380 CAAAGCACTGATCTGATCAATTCGATGCAAAAGAAATCCCAATCTCTCTCAAGAG 4439
Db 1920 TAGAGAGCTCATCAAGGCAATTTGTTGAGCAAAAGAGGTTGTGTGAGGCTCAAGCG 1979
QY 4440 CTCTACCAAGCTCACCAAGCTCTCGACTCCGTGAGCTATTCGAGAGAGGCTCATCA 4499
Db 1980 TTCTATCAACTTACAAACTTCTTGTGATACTTGCATGATCTTGTCAACAGCTTCATCT 2039
QY 4500 GTTCACCTTTGACCTCTAATCAAGTCACATGTCGAGCGTGGCTTCCGGAATGAT 4559
Db 2040 GTACTGCTGAATACATTTATCCAGTCCCGGCACTGAGTGTGATTTCCAGAAATGAT 2099
QY 4560 GGCAGAGATCATCTCTGTGCAAGTCCCAAGATCCTTCTGGGAAAGTCAAGCCCATCTA 4619
Db 2100 GTCTGAAGTTATTTGCTGCAAAATTTACCAAGATATTTGGCAGGATGTTGAACCCCTTCT 2159
QY 4620 TTTCCACACCCAGTGAA 4636
Db 2160 CTTTCATAAAAGTGAA 2176

RESULT 14

US-09-833-381-1452
; Sequence 1452, Application US/09833381
; Patent No. US20020132090A1
; GENERAL INFORMATION:
; APPLICANT: ROBISON, Keith E.
; TITLE OF INVENTION: No. US20020132090A1el Nucleic Acid and Protein Homologs
; FILE REFERENCE: 5800-119
; CURRENT APPLICATION NUMBER: US/09/833,381
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/516,448
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 2050
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1452
; LENGTH: 416

TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)...(416)
OTHER INFORMATION: n = A,T,C or G
US-09-833-381-1452

Query Match 5.3%; Score 271.6; DB 10; Length 416;
Best Local Similarity 81.7%; Pred. No. 3e-62; Indels 2; Gaps 2;
Matches 335; Conservative 0; Mismatches 73;

QY 2669 GCATGTAGCCGCCACTTTTGGAGTTCCACCCGCTGTGCTGCCACTCCTTGTGCCCAT 2728
DB 8 GCGTCCGCGCTCCTCTGGAGTCCACCCGCGGTGCTGCCACTCCTTGTGCCGCCG 67
QY 2729 TGGCCGAATGCAAGGTCTCTGTAGACACAGCGCAGGACACTGAAGATAC 2788
DB 68 TGCCCGAATGCAAGGTCTCTCCCTGGACGAGGCCCAAGCCCAAGCA-ACACTGAAGACTG 126
QY 2789 CTGAGTATCCCTTCAAGGAGGTACACCAAGGCTAGAGCGAGAGCTAGGCT 2848
DB 127 CTGAGTATCCCTTCAAGGAGGTACGCAAGGATTGGAAGGTGAGAGCTTGGGT 186
QY 2849 GCTCTGGCAGCGCTCCAGCAGGAGCTCCGGGACACTTGAACCTGACCTGCTC 2908
DB 187 GCTCTGGCAGCGCTCCAGCAGGAGTCTCTGGGACACTTGAACCTGACCTGCTC 246
QY 2909 TCTACAGTCCGAGCACTGGAGGAGGAGCTGGGTACGAGTGGGAGTACACT 2968
DB 247 TGTATTAATCTGGAGCACTAGAGGAGGATCANCATCAAAATCGGAGTACTACA 306
QY 2969 TTCCACTGCTCTGGCGGACCGCGCCCTCCGCCCTCCCATCCCGCAGCTCGCA 3028
DB 307 TTCCGCTGCTCTGTCCGGCGCGGACACCCCGCCCTTACCATCCACACGCGGTA 366
QY 3029 TCAAGCTGGAGACCGCTGGAGTACTA-CGGCAGCGCTGGGCGCTGGCGG 3077
DB 367 TCAAGCTGGAGACCGCTGGAGTACTA-CGGCAGCGCTGGGCGCTGGCGGCGC 416

RESULT 15
US-09-935-368-3
Sequence 3, Application us/09935368
Patent No. US2002031803A1
GENERAL INFORMATION:
APPLICANT: Cooper, Mark J.
TITLE OF INVENTION: Expression System for Production of
TITLE OF INVENTION: Therapeutic Proteins
FILE REFERENCE: 03659,00010
CURRENT APPLICATION NUMBER: US/09/935,368
CURRENT FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: US 05/473,646
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: PCT/US98/12777
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: US 60/050,356
PRIOR FILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 924
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 107/402-T-progesterone receptor fusion protein
OTHER INFORMATION: coding sequence
US-09-935-368-3

Query Match 5.2%; Score 263.8; DB 10; Length 924;
Best Local Similarity 58.9%; Pred. No. 5.9e-60;
Matches 454; Conservative 0; Mismatches 317; Indels 0; Gaps 0;

QY 3840 AACCCAGAGCTGACAGTGTACACATTTGAAGGTATGAATGTGAGCCCACTCTTCTGAA 3899
DB 142 AACCCAGAGTTCACCTTTTCAACCAGGTCAAGACATACAGTTGATCCACACCTGATCAA 201
QY 3900 TGTCTTGGAGCCATTGAGCCAGGTGTAGTGTGCTCGACACACACACACACACCCGCA 3959
DB 202 CCGTTAATGAGCATTTGAACAGATGTGATCTATCCAGGACATGACACACACAAACCTGA 261
QY 3960 CTCTTTGAGCGCTTGTCTCTAGCTCAATGAATGGGAGAGACAGACTGTACAGCT 4019
DB 262 CACCTCCAGTCTTCTGCTGCAAGTCTTAATCACTAGGCGAGAGGCAACTTCTTTCAGT 321
QY 4020 GGTCAAGTGGGCGCCCTTGGCTGGCTTCCGCACTTACACGTGGAGCGACAGATGGC 4079
DB 322 AGTCAAGTGGTCTAAATCATTTGCCAGGTCTTGAACCTTACATATTTGATGACACAGTAAC 381
QY 4080 TGTCAATTCAGTACTCTCTGGATGGGCTCATGTGTTTGGCATGGGCTGGCGCATCTTAC 4139
DB 382 TCTCATTCACTGATCTTGGATGAGCTTAATGTGTTTGGTCTAGGATGGAGATCTCTACAA 441
QY 4140 CAATGTCAACTCCAGGATGCTCTACTTCCGCTGATCTGTTTCAATGAGTACCGCAT 4199
DB 442 ACACGTGAGTGGGCGAGATGCTGATTTTGCACCTGATCTAATCTAATTAATGAACACGCGAT 501
QY 4200 GCACAAGTCCCGGATGTACAGCCAGTGTCCGAATGAGGACCTCTCTCAAGAGTGTGG 4259
DB 502 GAAAGATCATCTATTTATTTATTTATTTATTTATTTATTTATTTATTTATTTATTTAT 561
QY 4260 ATGGCTCCAAATACCCCCAGGAAATTCCTGTGCTGCAAGAGCACTGCTACTCTTACAGCAT 4319
DB 562 CAAGCTTCAAGTTAGCCCAAGAGAGTTCCTCTGTATGAAAGTATTTGTACTTCTTAAATAC 621
QY 4320 TATTCCAGTGGATGGCTGAAATCAAAATTCCTTGTGATGAATTCGAAATGAACTACAT 4379
DB 622 AATTCTTTGGAGGCTACGAGTCAAAACCACTTTGAGGAGATGAGGTCAAGCTACAT 681
QY 4380 CAAGGAACCTCGATCTATCTATTTGATGCAAGAAAGAAATCCACATCTCTGCTCAAGACG 4439
DB 682 TAGAGAGCTCATCAAGGCAATTTGAGGCAAAAGAGGATTTGTGAGACTCACAGCG 741
QY 4440 CTTCACAGCTCACCAAGCTCCTGAGCTCGGTGAGGCTTATTCGAGAGAGCTGATCA 4499
DB 742 TTTCTATCAACTTACAAACTTCTTGATACTTGCATGATCTTGTCAAAACAACTTCACT 801
QY 4500 GTTCACCTTTGACCTGCTAATCAAGTCAACATGTTGAGCGTGGACTTTCGCGAAATGAT 4559
DB 802 GTACTGCTTGAATACATTTATCCAGTCCCGGCACTGAGTGTGATTTCCAGAAATGAT 861
QY 4560 GGCAGAGATCATCTCTGCAAGTCCCAAGATCTCTTCTGCGGAAAGTCAA 4610
DB 862 GTCTGAAGTATTGCTGGAAACCGGCTCGACAGCTTGCAGAGATGGATAA 912

Search completed: May 9, 2003, 03:35:00
Job time : 668 secs